

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071619\
 Data File : VW011295.D
 Acq On : 16 Jul 2019 19:20
 Operator : SY/VA
 Sample : K3798-18MSD
 Misc : 5.76G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52G4MSD

Quant Time: Jul 17 09:06:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 17 07:20:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	323404	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	285028	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	120025	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	69227	14.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.08%
7) Chloroethane-d5	2.88	69	57868	16.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.80%
10) 1,1-Dichloroethene-d2	4.02	63	189751	18.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.56%
20) 2-Butanone-d5	7.07	46	105991	54.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.98%
24) Chloroform-d	7.65	84	191976	21.66	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.64%
26) 1,2-Dichloroethane-d4	8.31	65	125770	23.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.16%
29) Benzene-d6	8.27	84	375710	21.40	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.60%
33) 1,2-Dichloropropane-d6	9.27	67	133929	23.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.68%
37) Toluene-d8	10.32	98	313624	20.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.16%
38) trans-1,3-Dichloropropene-	10.58	79	51189	21.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.20%
39) 2-Hexanone-d5	10.92	63	71302	54.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	121024	25.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	101901	22.12	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.48%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	2.36	62	11445	2.031	ug/L	# 81
12) 1,1-Dichloroethene	4.04	96	97143	22.857	ug/L	80
13) Acetone	4.12	43	35838	18.862	ug/L	98
14) Carbon disulfide	4.38	76	52038	4.280	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	360901	77.634	ug/L	98
34) Benzene	8.32	78	467220	26.228	ug/L	100
35) Trichloroethene	9.09	95	355047	78.981	ug/L	99
44) Toluene	10.38	91	473855	25.699	ug/L	100
52) Chlorobenzene	11.66	112	282416	25.071	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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